

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065167.D
 Acq On : 12 Feb 2020 17:14
 Operator : VA/SY
 Sample : L1510-03
 Misc : 6.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Feb 13 07:16:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

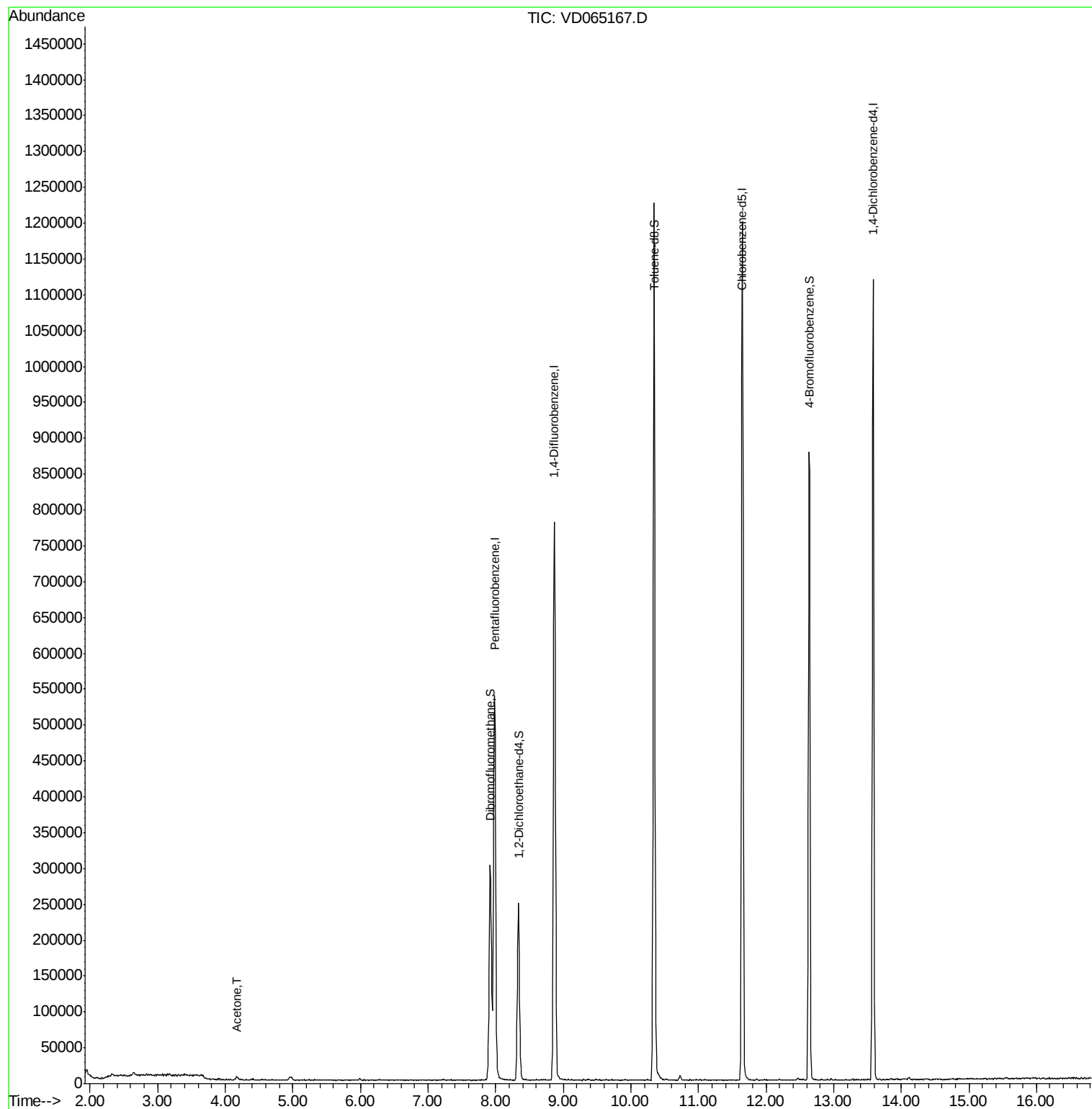
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	416475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	682869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	679231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	198434	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
35) Dibromofluoromethane	7.92	113	214152	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
50) Toluene-d8	10.34	98	818938	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.64	95	277196	57.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.38%	
Target Compounds						
16) Acetone	4.17	43	6934	7.835	ug/l	Qvalue 89

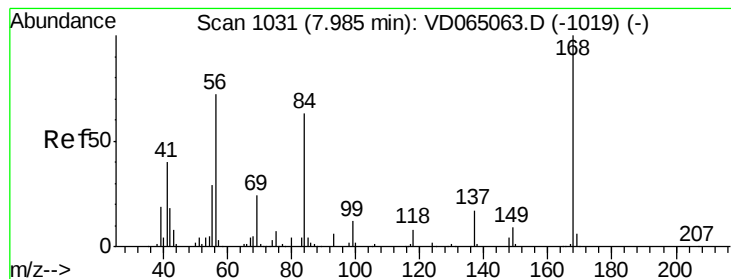
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065167.D

Acq: 12 Feb 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

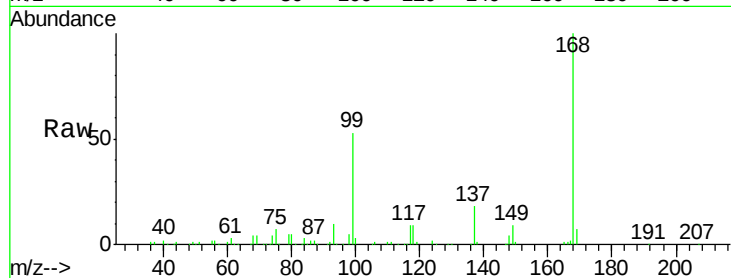
TP-2

Tot Ion:168 Resp: 416475

Ion Ratio Lower Upper

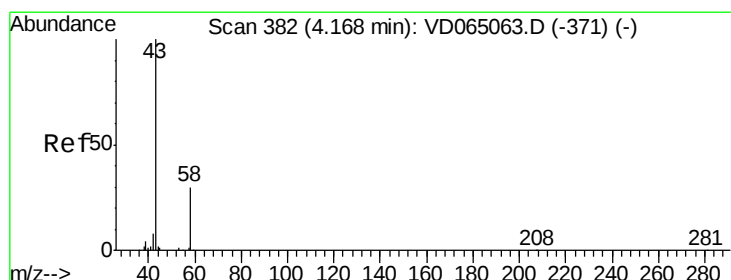
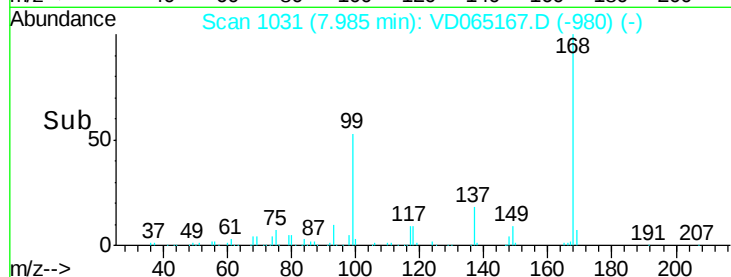
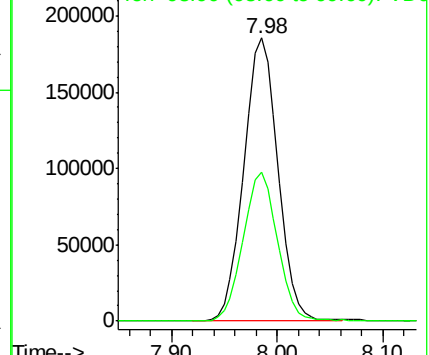
168 100

99 52.6 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 7.835 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065167.D

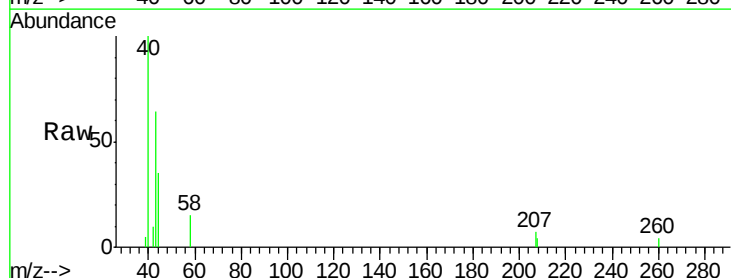
Acq: 12 Feb 2020 17:14

Tgt Ion: 43 Resp: 6934

Ion Ratio Lower Upper

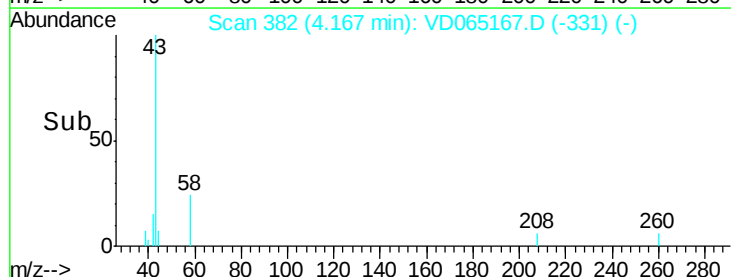
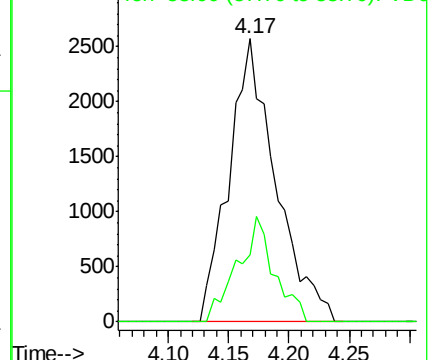
43 100

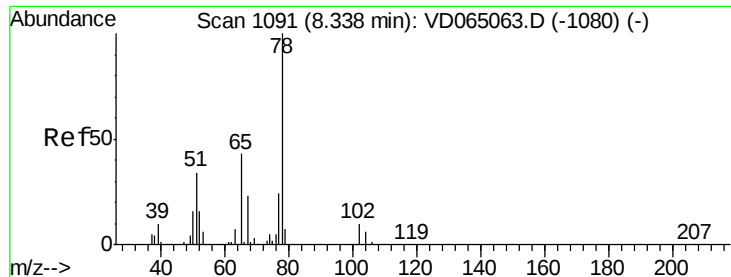
58 23.7 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 56.060 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065167.D

Acq: 12 Feb 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

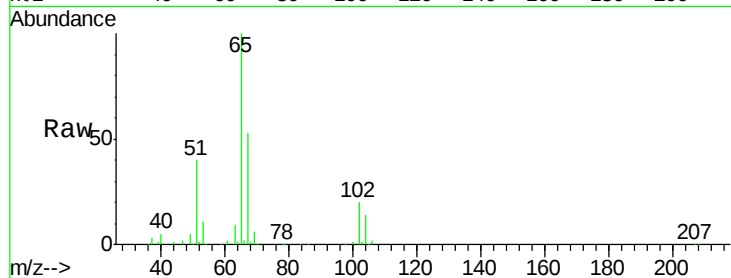
TP-2

Tot Ion: 65 Resp: 198434

Ion Ratio Lower Upper

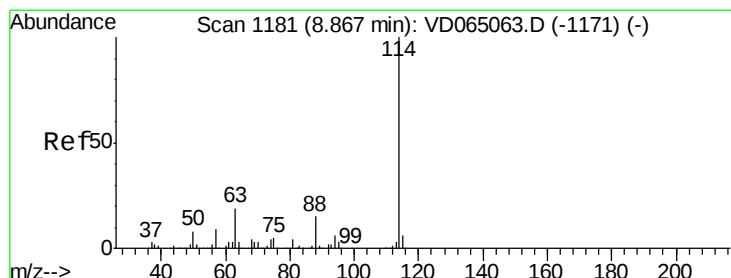
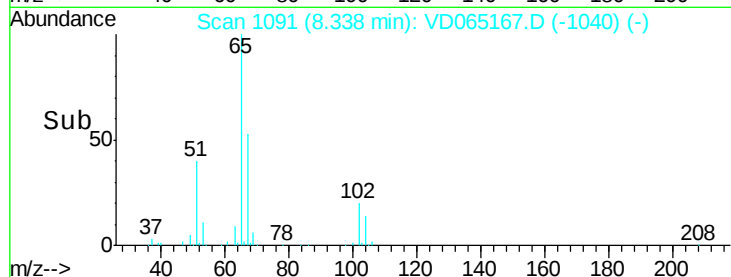
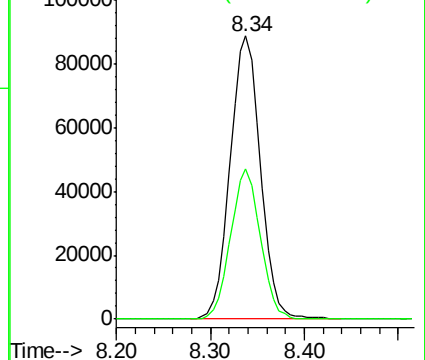
65 100

67 52.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065167.D

Acq: 12 Feb 2020 17:14

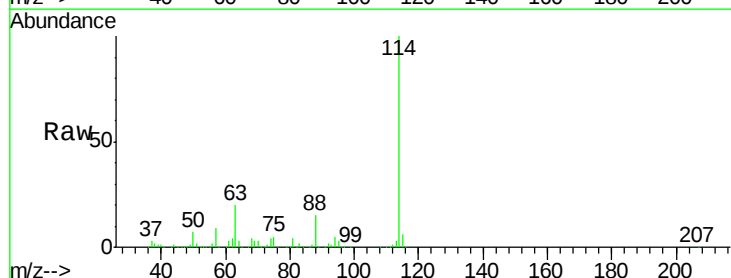
Tgt Ion:114 Resp: 682869

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

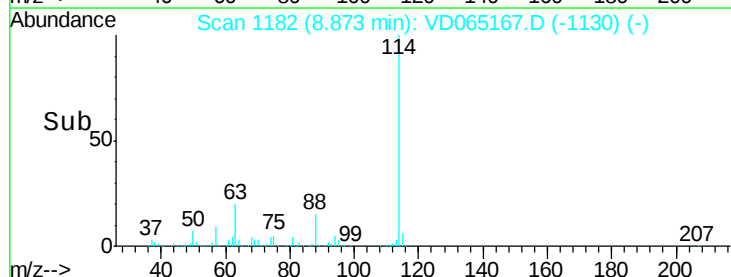
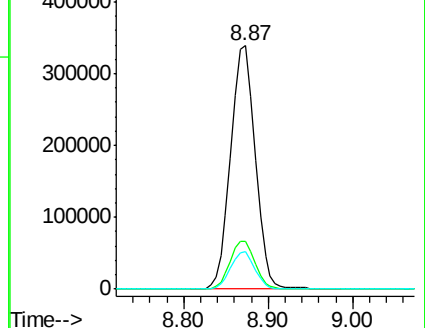
88 15.2 0.0 29.6

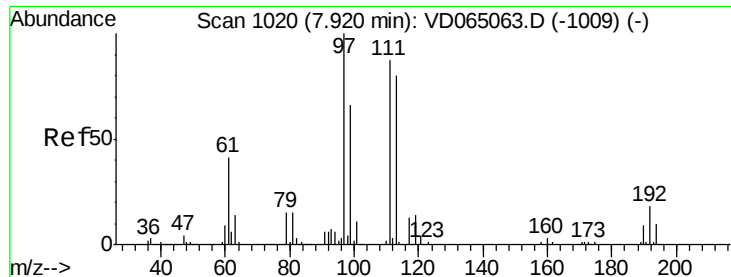


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

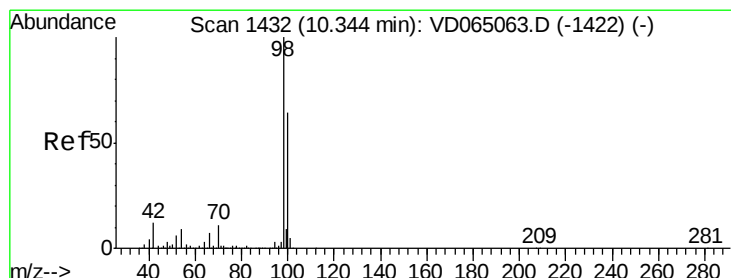
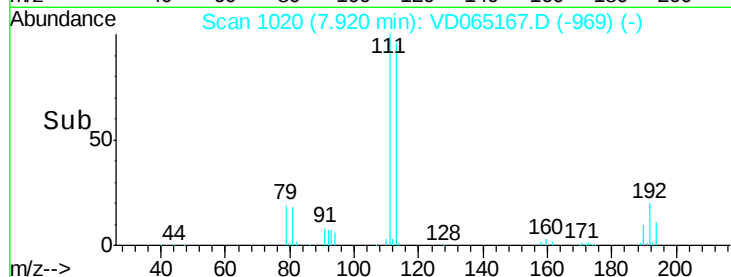
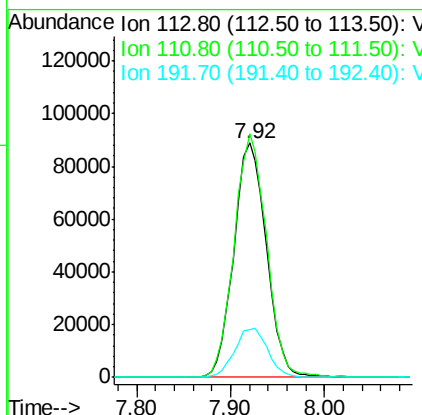
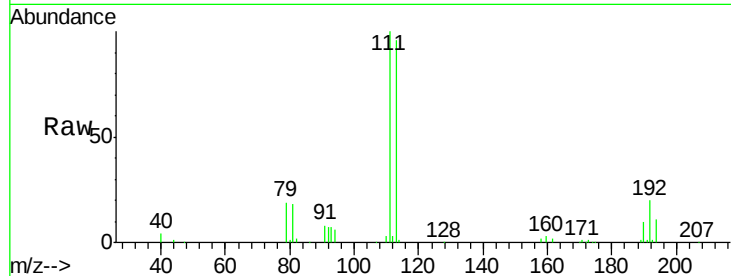




#35
 Dibromofluoromethane
 Concen: 56.208 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065167.D
 Acq: 12 Feb 2020 17:14

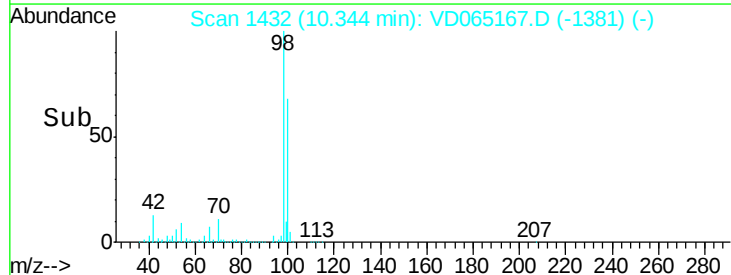
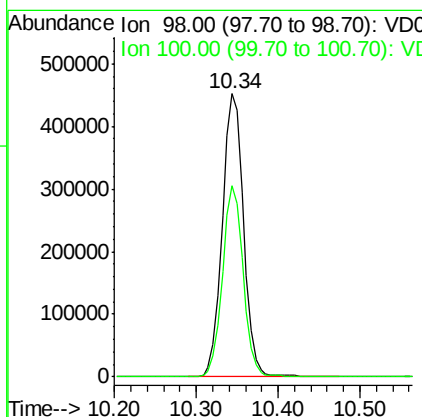
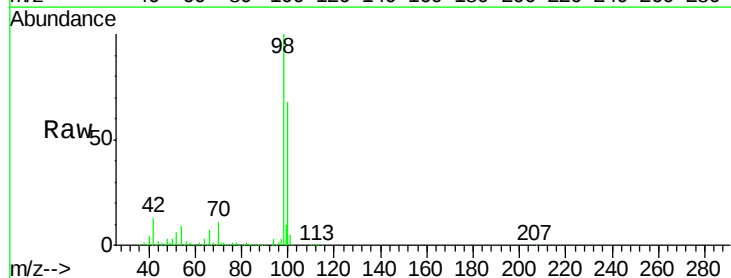
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

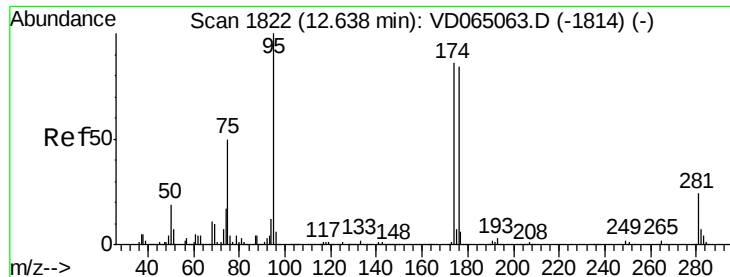
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	21.2	18.1	27.1



#50
 Toluene-d8
 Concen: 54.002 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065167.D
 Acq: 12 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.1	78.1

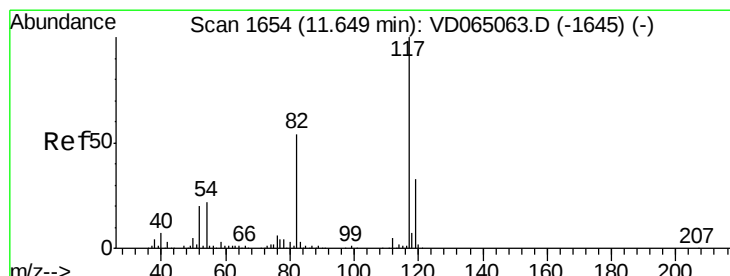
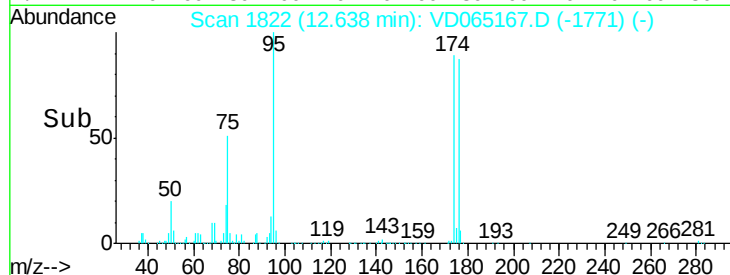
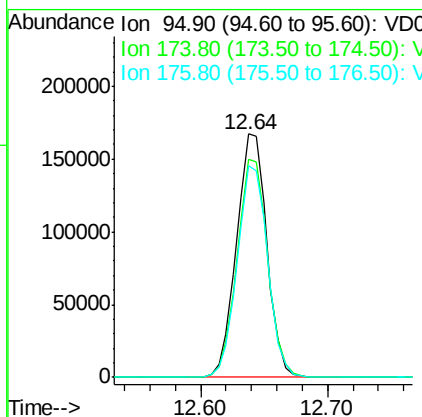
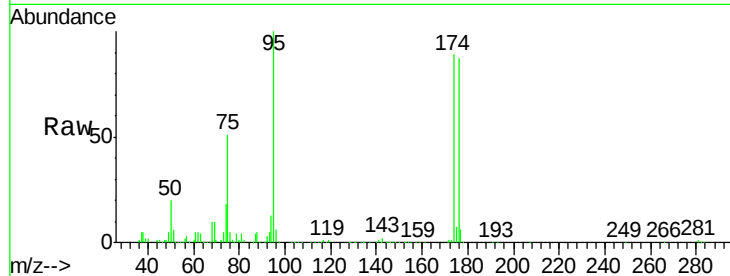




#62
4-Bromofluorobenzene
Concen: 57.687 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065167.D
Acq: 12 Feb 2020 17:14

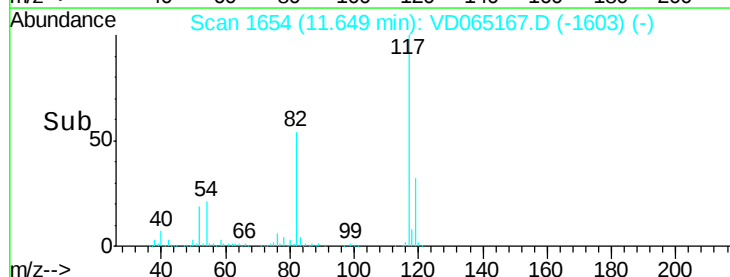
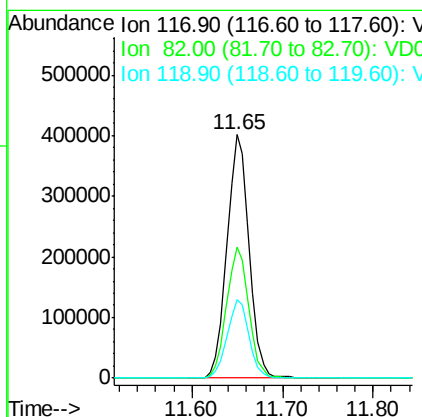
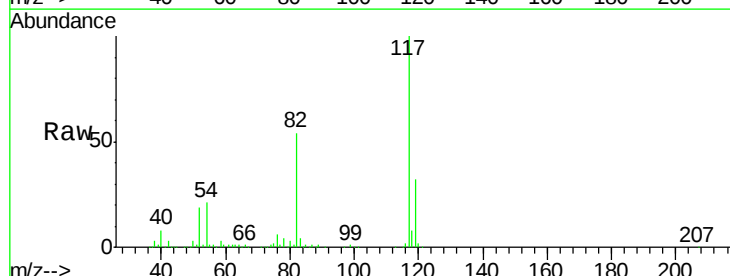
Instrument :
MSVOA_D
ClientSampled :
TP-2

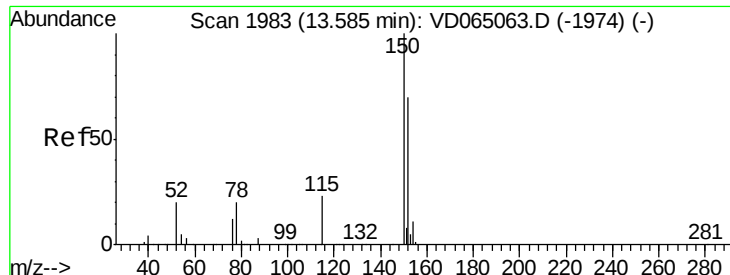
Tot Ion: 95 Resp: 277196
Ion Ratio Lower Upper
95 100
174 90.1 0.0 180.0
176 87.0 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065167.D
Acq: 12 Feb 2020 17:14

Tgt Ion: 117 Resp: 679231
Ion Ratio Lower Upper
117 100
82 53.7 43.1 64.7
119 32.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065167.D

Acq: 12 Feb 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

TP-2

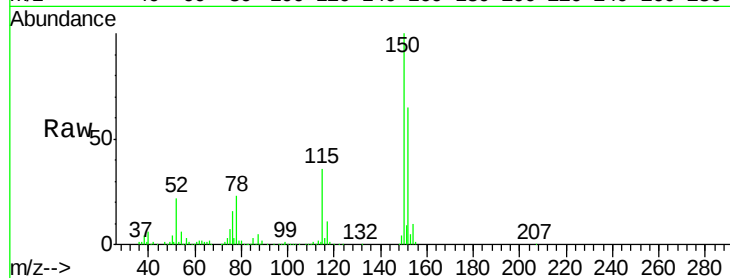
Tot Ion:152 Resp: 290556

Ion Ratio Lower Upper

152 100

115 56.3 27.5 82.4

150 157.7 0.0 343.2



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

